

## Contents

<i>Preface</i>	page vii
<i>Abbreviations, Definitions, and Acronyms</i>	xiv
1 Introduction: Science, STEM, and Society	1
2 NSF and Broader Impacts	16
3 Innovation, Opportunity, and Integration	29
4 Communication and Dissemination	42
5 Promoting Yourself and Optimizing Impact	57
6 Collaboration, Authorship, and Networks	68
7 Strategic versus Curiosity Science	81
8 Know Your Audience	93
9 Diversity, Equity, and Inclusion	107
10 Mentoring and Role Models	121
11 Formal K–12 Education and Partners	136
12 Higher Education	150
13 Informal STEM Learning in Museums and Beyond	159
14 Public Participation and Community (Citizen) Science	178
15 Computers and Cyberimpacts	194
16 Developing a Broader Impacts Plan	210
17 Project Management and Sustainability	224
18 Were You Successful? Evaluation and Metrics	236
19 Wrap-Up, the Future, and Broader Impacts 3.0	249
<i>References</i>	259
<i>Index</i>	290